

1.	Customer name and location: Alabama Power Company (APC) Birmingham, AL USA
2.	Name, Position, and Telephone Number of Customer contact person: Mr. Bill Mintz Power Delivery Technology Manager Alabama Power Corporation Email: wwmintz@southernco.com Phone: +1 205 257 4268
3.	Brief Description of Customer <ul style="list-style-type: none"> • APC operates Power generation, transmission and distribution for 1.5 million connected customers • 74,000 Miles of overhead distribution lines • 10,600 Miles of transmission lines • 1000 T&D Substations • 2300 Distribution circuits Key objectives of ADMS solution: <ul style="list-style-type: none"> • Reduced OpEX & TCO (total cost of ownership) of IT solutions in operating & maintaining their distribution networks • Implementation of advanced algorithms for fault detection, isolation & restoration (FISR) to reduce customer interruptions & impact – significantly improving customer service by reducing both SAIDI & SAIFI • VVC to reduce system losses and shave peak demand when required • Providing a platform for modelling and management of low voltage networks
4.	Name of Prime contractor: GE Grid Solutions
6.	Date of Delivery: First SCADA implementations began being deployed in 1991 and APC has since performed a number of standard product upgrades under maintenance contract, as well as extending system capabilities to meet increased regulator targets and continuously improve customer service. DMS went live in 2012 and full ADMS (OMS added) in 2014.
7.	Implemented System and project Main Capabilities delivered: The implemented system was e-terra ADMS version 3.2 and the following modules have been implemented across 4kV, 12kV, 13.2 kV, 23kV & 35kV networks: <ul style="list-style-type: none"> ▪ SCADA ▪ DMS including Powerflow, Fault location, FISR, Switching Management ▪ OMS that's Integrated with AMI, IVR and WFMS

	The system currently implemented is e-terra ADMS v3.5.4 and is operating across 650,000 SCADA IO points. The integrated ADMS system interfaces to many other OT and business systems across APC.
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8/16/18

Month, Day, Year

Bill Mintz

Alabama Power Co. Representative Name

Bill Mintz

Alabama Power Co. Representative Signature